

Flood Crest Occurences by One Foot Intervals: Monocacy River at Jug Bridge near Frederick

Latitude: 39.403

Flood Stage: 15

Period of Record: 1889-Present

Last Flood: 2/25/2016

Longitude: -77.366

Number of Floods: 117

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
15 ft to 15.99 ft	25
16 ft to 16.99 ft	29
17 ft to 17.99 ft	23
18 ft to 18.99 ft	12
19 ft to 19.99 ft	7
20 ft to 20.99 ft	9
21 ft to 21.99 ft	4
22 ft to 22.99 ft	2
23 ft to 23.99 ft	1
24 ft to 24.99 ft	0

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
25 ft to 25.99 ft	1
26 ft to 26.99 ft	0
27 ft to 27.99 ft	0
28 ft to 28.99 ft	1
29 ft to 29.99 ft	0
30 ft to 30.99 ft	2
31 ft to 31.99 ft	0
32 ft to 32.99 ft	0
33 ft to 33.99 ft	0
34 ft to 34.99 ft	0

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
35 ft to 35.99 ft	1
36 ft to 36.99 ft	0
37 ft to 37.99 ft	0
38 ft to 38.99 ft	0
39 ft to 39.99 ft	0
40 ft to 40.99 ft	0
41 ft to 41.99 ft	0
42 ft to 42.99 ft	0
43 ft to 43.99 ft	0
44 ft to 44.99 ft	0

Drainage Area: 817 sq mi
Gage Datum: 231.21 ft MSL

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Data represents all historical floods.
Potomac Basin

County of Gage: Frederick
County of Forecast Point: Frederick

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Flood Crest-Height above Flood Stage	Total Flood Crest Occurence	Percent of Flood Crest Occurrence
15 ft to 15.99 ft	25	21.4
16 ft to 16.99 ft	29	24.8
17 ft to 17.99 ft	23	19.7
18 ft to 18.99 ft	12	10.3
19 ft to 19.99 ft	7	6
20 ft to 20.99 ft	9	7.7
21 ft to 21.99 ft	4	3.4
22 ft to 22.99 ft	2	1.7
23 ft to 23.99 ft	1	0.9
24 ft to 24.99 ft	0	0
25 ft to 25.99 ft	1	0.9
26 ft to 26.99 ft	0	0
27 ft to 27.99 ft	0	0
28 ft to 28.99 ft	1	0.9
29 ft to 29.99 ft	0	0

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence	Percent of Flood Crest Occurrence
30 ft to 30.99 ft	2	1.7
31 ft to 31.99 ft	0	0
32 ft to 32.99 ft	0	0
33 ft to 33.99 ft	0	0
34 ft to 34.99 ft	0	0
35 ft to 35.99 ft	1	0.9
36 ft to 36.99 ft	0	0
37 ft to 37.99 ft	0	0
38 ft to 38.99 ft	0	0
39 ft to 39.99 ft	0	0
40 ft to 40.99 ft	0	0
41 ft to 41.99 ft	0	0
42 ft to 42.99 ft	0	0
43 ft to 43.99 ft	0	0
44 ft to 44.99 ft	0	0

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Last Flood: 2/25/2016

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Flood Crest-Height above Flood Stage	Cumulative Total Flood Occurrence	Cumulative Percent of Flood Occurrence
15 ft to 15.99 ft	117	100
16 ft to 16.99 ft	92	78.9
17 ft to 17.99 ft	63	54.1
18 ft to 18.99 ft	40	34.4
19 ft to 19.99 ft	28	24.1
20 ft to 20.99 ft	21	18.1
21 ft to 21.99 ft	12	10.4
22 ft to 22.99 ft	8	7
23 ft to 23.99 ft	6	5.3
24 ft to 24.99 ft	5	4.4
25 ft to 25.99 ft	5	4.4
26 ft to 26.99 ft	4	3.5
27 ft to 27.99 ft	4	3.5
28 ft to 28.99 ft	4	3.5
29 ft to 29.99 ft	3	2.6

Flood Crest-Height above Flood Stage	CumulativeTotal Flood Occurrence	Cumulative Percent of Flood Occurrence
30 ft to 30.99 ft	3	2.6
31 ft to 31.99 ft	1	0.9
32 ft to 32.99 ft	1	0.9
33 ft to 33.99 ft	1	0.9
34 ft to 34.99 ft	1	0.9
35 ft to 35.99 ft	1	0.9
36 ft to 36.99 ft	0	0
37 ft to 37.99 ft	0	0
38 ft to 38.99 ft	0	0
39 ft to 39.99 ft	0	0
40 ft to 40.99 ft	0	0
41 ft to 41.99 ft	0	0
42 ft to 42.99 ft	0	0
43 ft to 43.99 ft	0	0
44 ft to 44.99 ft	0	0

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